

Converting Colors

RGB(16, 125, 121)

Have a look what the booklet for
RGB(16, 125, 121) contains.

RGB(16, 125, 121)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(16, 125, 121)

Conversions

Conversions Part 1	
Format	Color
Hex	107D79
RGB	16, 125, 121
RGB Percent	6%, 49%, 47%
CMY	0.9373, 0.5098, 0.5255
CMYK	0.87, 0.00, 0.03, 0.51
HSL	178°, 77%, 28%
HSV	178°, 87%, 49%
XYZ	10.9985, 16.1579, 20.6283
YIQ	91.9530, -63.6800, -24.3520

Conversions

Conversions Part 2

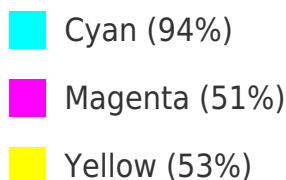
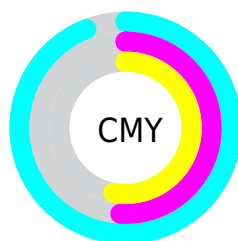
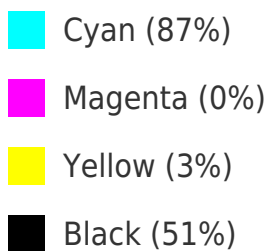
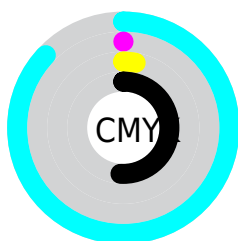
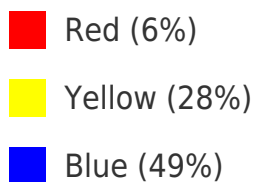
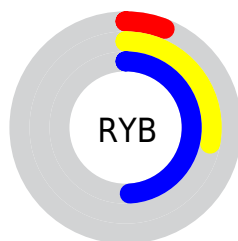
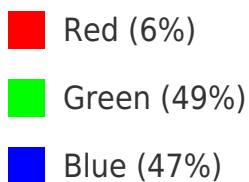
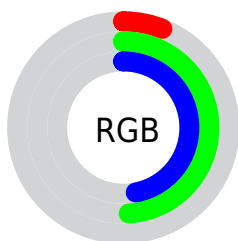
Format	Color
RYB	16, 72, 125
Decimal	1080697
CIELab	47.18, -28.68, -5.93
CIELCh	47, 29.288, 191.691
Yxy	16.1579, 0.2302, 0.3381
Android (android.graphics.Color)	4279270777 (0xFF107D79)
YUV	91.9530, 14.3202, -66.6108
Hunter-Lab	40.1968, -21.5041, -2.2887

Details

The RGB color **16, 125, 121** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **125, 16, 20**, and the grayscale version is **92, 92, 92**.

A 20% lighter version of the original color is **85, 178, 173**, and **0, 75, 73** is the 20% darker color. If you saturate the color by 10%, you get **4, 125, 121**, and if you desaturate by 10%, it is **28, 125, 121**.















Distribution







Brightness & Saturation Gradients


These gradients show how the RGB color 16, 125, 121 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the RGB color 16, 125, 121 by changing the saturation by 10% instead.


 16, 125, 121	 16, 125, 121
255, 255, 255	 0, 100, 96
 85, 178, 173	 0, 75, 73
 114, 206, 201	 0, 52, 50
 142, 234, 229	 0, 33, 29
 171, 255, 255	 0, 0, 3
 200, 255, 255	 0, 0, 0
 229, 255, 255	


 16, 125, 121	 16, 125, 121
 4, 125, 121	 28, 125, 121


 0, 125, 120

 41, 125, 122

 53, 125, 122

 66, 125, 123

 78, 125, 123

 91, 125, 124

 103, 125, 124

 116, 125, 125

 129, 125, 125

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



60, 124, 96



16, 125, 121



0, 123, 144

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



16, 125, 121



127, 102, 149



141, 105, 65

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



16, 125, 121



125, 16, 20

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



156, 97, 80



16, 125, 121



150, 95, 128

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



16, 125, 121



91, 111, 160



160, 93, 103



118, 114, 63

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



16, 125, 121



27, 121, 155



160, 93, 103



147, 102, 69

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



16, 125, 121



121, 163, 162



21, 125, 16



56, 82, 81



209, 209, 209



82, 82, 82

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



16, 125, 121



0, 163, 157



16, 76, 125



57, 64, 64



0, 128, 123



0, 0, 0

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



125, 16, 20



163, 0, 6



125, 65, 16



64, 57, 58



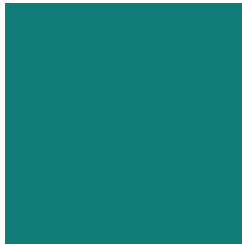
128, 0, 5



0, 0, 0

Previews

White Background



This preview shows how the RGB color 16, 125, 121 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 16, 125, 121 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

RGB 16, 125, 121 Background



This preview shows how black text looks on a background with the RGB color 16, 125, 121.

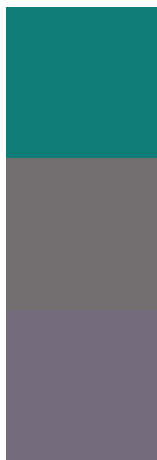


This preview shows how white text looks on a background with the RGB color 16, 125, 121.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

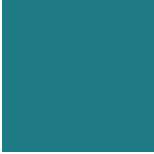
16, 125, 121

Protanopia

113, 111, 112

Deuteranopia



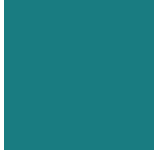
116, 108, 125




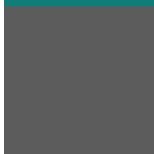
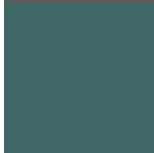
Tritanopia

30, 123, 133

Trichromacy

	Original Color 16, 125, 121
	Protanomaly 78, 116, 115
	Deuteranomaly 80, 114, 124
	Tritanomaly 25, 124, 129

Monochromacy

	Original Color 16, 125, 121
	Achromatopsia 92, 92, 92
	Achromatomaly 64, 104, 103

CSS Examples

Text

The CSS property to change the color of the text to RGB 16, 125, 121 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(16, 125, 121)` looks like.

```
.text, #text, p{  
    color:rgb(16, 125, 121)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(16, 125, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(16, 125, 121) }
```

Border

The CSS property to change the border of an element to RGB 16, 125, 121 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(16, 125, 121) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(16, 125, 121) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(16, 125, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(16, 125, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(16, 125, 121);  
box-shadow:4px 4px 4px 4px rgb(16, 125,  
121) }
```

Background

The CSS property to change the background color of an element to RGB 16, 125, 121 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(16, 125, 121) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(16, 125,  
121) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor